I claim:

1.

A surface mounted terminal resistor, comprising a flat metal resistance plate having opposite side surface portions,

a pair of spaced terminal plates secured to said side surface portions,

said terminal plates each having a current pad portion and a sense pad portion separated by a transverse slot only in the terminal plates, with each pad portion comprising terminal connection areas,

said current pad portion having a length greater in a direction from said slot than the corresponding length of said sense pad portion.

2.

The resistor of claim 1 wherein said resistance plate and said terminal plates are bonded to a metal substrate with a high thermal conductivity dielectric cement.